

April 17, 2014

Handout 1 for Terrestrial Subteam – Connecticut River Watershed Pilot

Terrestrial and wetland ecosystem types and associated representative species

Ecosystem Formation – Macrogroup	Acres in Northeast U.S.*	Acres in CT River Watershed	Representative Species Being Modeled and Habitat Requirements†
Northeastern Upland Forest – Northern Hardwood and Conifer	48,500,711	4,336,888	American Woodcock – young forest Black Bear – large area requirements
Northeastern Upland Forest – Central Oak-Pine	31,275,710	363,308	Blackburnian Warbler - mixed forest Cerulean Warbler – mature deciduous Eastern Box Turtle – moist forest Louisiana Waterthrush – riparian forest Ovenbird – mature forest Prairie Warbler – young forest & pine barrens Red-shouldered Hawk Ruffed Grouse – young forest Wood Thrush – mature deciduous
Agriculture (pastures, grasslands, and row crops combined)	25,165,562	463,736	Eastern Meadowlark – pasture & grassland
Boreal Upland Forest	7,884,812	417,501	Bicknell’s Thrush – high elevation forest Blackpoll Warbler – spruce-fir forest Moose – mixed forest and large areas Snowshoe Hare – young spruce-fir
Northeastern Wetland Forest	6,977,821	213,622	Northern Waterthrush – forested wetlands Wood Duck – swamps & floodplain forests Wood Turtle – forested streams & uplands
Freshwater Marsh	1,774,535	77,517	American Black Duck (breeding) Marsh Wren – fresh and salt marshes Virginia Rail – fresh and salt marshes
Grassland and Shrubland – Glades and Outcrops	2,199,639	54,759	
Cliff and Rock	668,071	40,701	

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Peatland	526,795	7,738	(no species selected primarily for peatland, but used by species such as moose and black duck)
Estuarine Intertidal – Emergent (marsh)	709,735	2,426	American Black Duck (nonbreeding) Diamond-backed Terrapin – marshes & estuaries Saltmarsh Sparrow - saltmarshes Snowy Egret – marshes & estuaries
Alpine	8,166	1,385	
Coastal Scrub-Herb – Dune and Beach	46,360	12	American Oystercatcher – beaches & shellfish beds Sanderling – beaches & shorelines
Developed	20,170,987	783,320	
Water	8,652,542	359,513	

*As used in TNC habitat map, equivalent to NEAFWA administrative boundaries (Maine to Virginia and West Virginia)

† Models for species in **Bold** will be completed first. Representative species may utilize more than one ecosystem type but a single, most representative type was selected for the table